

AUTOMATED DOCUMENT DISTRIBUTION AND TRANSACTION VERIFICATION

Abstract of the Disclosure

This invention relates to the generation and distribution of documents and verification of electronic transactions. In one embodiment, some elements of an electronically conducted transaction are attached to a certificate template. Essential elements of the transaction are encrypted by a first encryption process and attached to the certificate template. The resulting transaction certificate is optionally encrypted by a second encryption process and sent to the other party of the transaction. The other party decrypts the transaction certificate using a first decryption process to review the decrypted certificate. The other party may further decrypt the encrypted essential elements of the transaction certificate using a second decryption process in order to verify the transaction. The decrypted essential elements are used to prove the transaction. A third party can also decrypt the encrypted essential elements to authenticate the transaction.

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